282	WITH NONLIQUID CLEANING MEANS FOR SEPARATING MEDIA	304	Filter manipulation, shaking or flexing for precluding or
282.1	.Having insulation	205	removing encrustation
282.2	.With heating or cooling means	305	Attendant actuated
282.3	Residue burned	005	manipulating means
282.4	Two confined fluids in indirect	306	AIRCRAFT ANTI-INGESTION MEANS (E.G., AIRCRAFT DEBRIS GUARD)
202 5	contact	307	FILTER OR APERTURED DEFLECTOR
282.5	Heat exchanger is part of separator or is contiguous therewith		UNIT DISCONTINUOUS ACROSS GAS FLOW WITHIN FLOW CONDUIT
283	.With automatic control of cleaning means	308	.Multiple members serially spaced in flow conduit
284	.With sequential cleaning of	309	WITH SEPARATING MEDIA BYPASS OR
204	plural units		SYSTEM GAS PRESSURE RELIEF
285	Ferris wheel type filter unit		(E.G., RUPTURABLE OR DEFORMABLE)
006	arrangement	309.1	.With heating or cooling means
286	With gas flow arresting means	310	.Pressure relief means to or from
287	Interconnected with cleaning	310	atmosphere
	means	311	Relief means is downstream of
288	.Interdependent or interoperated	311	media (e.g., ambient air
	gas flow cutoff or apparatus		bypasses filter)
	shutdown and media cleaning	312	.Valved bypass means
289	.Interdigitated comb and	313	Gas force responsive
	separating media	313	_
290	.For moving indefinite or	_	Shunt means for total flow
	continuous length separating media	315	PLURAL SERIAL BASICALLY DIVERSE SEPARATING MEDIA
291	.Plural diverse cleaning means	315.1	.With heating or cooling means or
292	.Sonic type		having insulation
293	.With separating media	315.2	Heat exchanger is part of
	pneumatically vibrated or flexed		separator or is contiguous therewith
294	.Relatively movable pneumatic	317	.At least one mounted for
	nozzle (e.g., scanning nozzle)		continuous motion
295	.Solid agent cleaning member	318	.Plural stages in unitary casing
	movingly contacts apparatus	319	Including expansion chamber
296	Agent has defined traversing	320	Deflector and fibrous,
230	motion relative to separating media		filamentary, particulate solids, or cohesive sheet
297	With motion effecting means	201	filter type
	interrelated with separating operation	321	Multiple of one type in series of parallel in flow path
298	Gas flow actuates member	322	Serially spaced with at least
299	With resulting flexing or		one of other type
	distortion of resilient or		intermediately positioned
	collapsible separating media	323	Filters
300	Vibrating, jarring, or rapping	324	In parallel
500	means	325	Serially spaced deflectors
301	.Cohesive filter media cleaning	326	With connected trough or
301	Pneumatic reverse flushing		channel
	Draft diverted from one side	327	Filter is most upstream
303		328	Movable or movable mounted for
	of filter to other		adjustment or nonuse

329	Filamentary brush type or fibrous mass	348	Plural gas inflow openings, slots, or whirl vanes in each
330	Tubular or annular for radial gas flow	349	separatorTangential inlet to each
331	Conical deflector with curved		separator
	or parabolic radially	350.1	.Filters
	extending wide downstream end	351	WITH MEANS FOR ADVANCING CLEAN
332	Cohesive sheet-like filter		PORTIONS OF CONTINUOUS OR
333	Multiple contiguous layers or		INDEFINITE LENGTH SEPARATING
	coils with radial gas flow		MEDIA INTO GAS STREAM
334	Bag type	352	.Advancing means initiated by
335	Including imperforate		flow, pressure, or pressure
	upstream bag end deflector		differential of gas
336	Conical	353	.Multiple distinct units
337	Cyclone or centrifugal whirl	354	.Indefinite or running length
	type deflector	355	WITH LIQUID TRAP SEAL OR VALVE
338	WITH RECYCLE MEANS	356	WITH MEANS FACILITATING
338.1	.With heating or cooling means		TRANSPORTABILITY OR HANDLING
339	.For concentrate entrained in		OF APPARATUS
	effluent gas outlet means	357	.Handle feature for apparatus or
340	Return conduit is external of		part thereof
	apparatus	358	WITH GROUND SUPPORT MEANS
341.1	MULTIPLE BAG TYPE FILTERS IN		(NONFLOW CONDUCTING)
	CHAMBER	359	WITH PORTION OF COVER REMOVABLE
341.11	.With heating or cooling means or	360	WITH ELECTRICAL GROUNDING MEANS
	having insulation	361	FLEXIBLE OR COLLAPSIBLE BAG TYPE
341.2	.Gas flow from inside to outside	362	.With bag ejecting means
	of filter	363	.Toroidal or annular bag
341.3	Modular compartments	364	.Impervious bag with pervious
341.4	Horizontally mounted filters		portion
341.5	.Modular compartments	365	.Bag carried strain relief means
341.6	.Partitioned bag filter chamber		between bag supports
341.7	.Horizontally mounted filters	366	.With separable nonfiltering
342	MULTIPLE SEPARATORS, EACH WITH		residue container
	DISCRETE AND LONGITUDINALLY	367	.Valved, self-closing, or
	CONFINED GAS INLET OR OUTLET		apparatus contained bag
	FLOW PATH		closing means
342.1	.With heating or cooling means or having insulation	368	.Spaced interior inflow path or with means modifying gas flow
342.2	Heat exchanger is part of		in bag
	separator or is contiguous	369	.Closure means other than coupler
	therewith		to flow line for filter or
343	.Combined serial and parallel		cover bag
	arrangement	370	Use position residue removal
344	.With flow equalizing,		means
	controlling, or distributing	371	Inner filter bag removal
	means	372	.With additional nonbag type
345	.Centrifugal		filter
346	Parallel	373	.Housing closure secures bag
347	Gas inlet and outlet at	374	.With flow line coupling means
	linearly opposite ends of	375	Flexible conduit joins line to
	separating zone		bag
		376	Coupling part inseparable from bag

377	Resilient or expansible	408	Separated gas conducted axially
378	.With securing or supporting		through rotating member
	means	409	Hollow shaft
379	Bag internally supported	410	WITH SEPARATED GAS OUTFLOW
380	.Nested bags or folded wall with spaced or unsecured faces		CONTROL (E.G., APERTURED CONDUIT)
381	.Seaming, reinforcing or bag	410.1	.With heating or cooling means
332	structure	411	.Movable gas outlet conduit
382	Multi-ply, strata, or laminated	412	Longitudinal
383	WITH REMOTE FAN OR PUMP AND	413	.Baffle or flow guide
505	UNCONFINED FLOW TO SEPARATOR	414	Within or downstream of gas
385.1	COMBINED OR CONVERTIBLE		outlet conduit
385.2	.In environmental air enclosure	415	Movable baffle of flow quide
385.3	.In motor vehicle	416	Flow straightener
385.4	.In vented container	417	.Valve
385.5	.Involving mining or	418	WITH INFLOW GAS CONTROL OR
303.3	metallurgical apparatus	110	DISTRIBUTION
385.6	.Involving communication	418.1	.With heating or cooling means or
303.0	receiving or transmitting	110.1	having insulation
	apparatus	419	.Multiple inlets
385.7	.Involving shielding apparatus	420	.Check valve
385.8	.Involving ash tray	421	WITH MEANS FOR LIQUID SEPARATION
391	RESTRICTED ANNULAR MIXTURE INLET	422	SEPARATING MEDIA ADJUSTABLE TO
371	TO COLLECTOR ZONE AROUND GAS	122	VARIOUS POSITIONS OF USE OR TO
	OUTLET CONDUIT ATTACHED BAFFLE		NONUSE
392	WITH GUIDE MEANS EFFECTING	423	MEANS WITHIN GAS STREAM FOR
	REMOVAL OF CONSTITUENT LAYER		CONDUCTING CONCENTRATE TO
	OUT OF GAS STREAM		COLLECTOR
392.1	OUT OF GAS STREAM .With heating or cooling means	424	COLLECTOR WITH CONCENTRATE BACKFLOW OR RE-
393	OUT OF GAS STREAM .With heating or cooling means .Movably mounted for adjustment		COLLECTOR WITH CONCENTRATE BACKFLOW OR RE- ENTRAINMENT PREVENTING MEANS
	OUT OF GAS STREAM .With heating or cooling means	424 425	COLLECTOR WITH CONCENTRATE BACKFLOW OR RE-
393	OUT OF GAS STREAM .With heating or cooling means .Movably mounted for adjustment .At escape means for heavier		COLLECTOR WITH CONCENTRATE BACKFLOW OR RE- ENTRAINMENT PREVENTING MEANS .Closure between separating and
393 394	OUT OF GAS STREAM .With heating or cooling means .Movably mounted for adjustment .At escape means for heavier constituentAnd separable residue receptacle	425	COLLECTOR WITH CONCENTRATE BACKFLOW OR RE- ENTRAINMENT PREVENTING MEANS .Closure between separating and collecting zones
393 394 395	OUT OF GAS STREAM .With heating or cooling means .Movably mounted for adjustment .At escape means for heavier constituent .And separable residue receptacleAnnular outlet around gas	425	COLLECTOR WITH CONCENTRATE BACKFLOW OR RE- ENTRAINMENT PREVENTING MEANS .Closure between separating and collecting zones .Baffle intermediate concentrate collector zone and gas outlet
393 394 395	OUT OF GAS STREAM .With heating or cooling means .Movably mounted for adjustment .At escape means for heavier constituentAnd separable residue receptacle	425	COLLECTOR WITH CONCENTRATE BACKFLOW OR RE- ENTRAINMENT PREVENTING MEANS .Closure between separating and collecting zones .Baffle intermediate concentrate collector zone and gas outlet conduit
393394395396	OUT OF GAS STREAM .With heating or cooling means .Movably mounted for adjustment .At escape means for heavier constituent .And separable residue receptacle .Annular outlet around gas outflow path	425 426 427	COLLECTOR WITH CONCENTRATE BACKFLOW OR RE- ENTRAINMENT PREVENTING MEANS .Closure between separating and collecting zones .Baffle intermediate concentrate collector zone and gas outlet conduitAdjustably mounted
393 394 395 396 397	OUT OF GAS STREAM .With heating or cooling means .Movably mounted for adjustment .At escape means for heavier constituentAnd separable residue receptacleAnnular outlet around gas outflow pathSpaced, overlapped walls	425 426 427	COLLECTOR WITH CONCENTRATE BACKFLOW OR RE- ENTRAINMENT PREVENTING MEANS .Closure between separating and collecting zones .Baffle intermediate concentrate collector zone and gas outlet conduitAdjustably mounted RESIDUE ACCESS, HANDLING OR
393 394 395 396 397 398	OUT OF GAS STREAM .With heating or cooling means .Movably mounted for adjustment .At escape means for heavier constituentAnd separable residue receptacleAnnular outlet around gas outflow pathSpaced, overlapped wallsPlural, angularly spaced	425 426 427 428	COLLECTOR WITH CONCENTRATE BACKFLOW OR RE- ENTRAINMENT PREVENTING MEANS .Closure between separating and collecting zones .Baffle intermediate concentrate collector zone and gas outlet conduitAdjustably mounted RESIDUE ACCESS, HANDLING OR REMOVING MEANS
393 394 395 396 397 398 399	OUT OF GAS STREAM .With heating or cooling means .Movably mounted for adjustment .At escape means for heavier constituentAnd separable residue receptacleAnnular outlet around gas outflow pathSpaced, overlapped wallsPlural, angularly spaced .Spiral guide	425 426 427 428 428.1	COLLECTOR WITH CONCENTRATE BACKFLOW OR RE- ENTRAINMENT PREVENTING MEANS .Closure between separating and collecting zones .Baffle intermediate concentrate collector zone and gas outlet conduitAdjustably mounted RESIDUE ACCESS, HANDLING OR REMOVING MEANS .With heating or cooling means
393 394 395 396 397 398 399	OUT OF GAS STREAM .With heating or cooling means .Movably mounted for adjustment .At escape means for heavier constituent .And separable residue receptacleAnnular outlet around gas outflow pathSpaced, overlapped wallsPlural, angularly spaced .Spiral guide MOUNTED OR SUPPORTED FOR CONTINUOUS MOTION .Plural distinct separating media	425 426 427 428 428.1 429	COLLECTOR WITH CONCENTRATE BACKFLOW OR RE- ENTRAINMENT PREVENTING MEANS .Closure between separating and collecting zones .Baffle intermediate concentrate collector zone and gas outlet conduitAdjustably mounted RESIDUE ACCESS, HANDLING OR REMOVING MEANS .With heating or cooling means .Separable collection container .With means effecting or assisting discharge of residue
393 394 395 396 397 398 399 400 401	OUT OF GAS STREAM .With heating or cooling means .Movably mounted for adjustment .At escape means for heavier constituent .And separable residue receptacle .Annular outlet around gas outflow path .Spaced, overlapped walls .Plural, angularly spaced .Spiral guide MOUNTED OR SUPPORTED FOR CONTINUOUS MOTION .Plural distinct separating media or stages	425 426 427 428 428.1 429 430	COLLECTOR WITH CONCENTRATE BACKFLOW OR RE- ENTRAINMENT PREVENTING MEANS .Closure between separating and collecting zones .Baffle intermediate concentrate collector zone and gas outlet conduitAdjustably mounted RESIDUE ACCESS, HANDLING OR REMOVING MEANS .With heating or cooling means .Separable collection container .With means effecting or assisting discharge of residue (e.g., endless belt)
393 394 395 396 397 398 399 400 401 402	OUT OF GAS STREAM .With heating or cooling means .Movably mounted for adjustment .At escape means for heavier constituentAnd separable residue receptacleAnnular outlet around gas outflow pathSpaced, overlapped wallsPlural, angularly spaced .Spiral guide MOUNTED OR SUPPORTED FOR CONTINUOUS MOTION .Plural distinct separating media or stagesOverlapping moving separators	425 426 427 428 428.1 429 430	COLLECTOR WITH CONCENTRATE BACKFLOW OR RE- ENTRAINMENT PREVENTING MEANS .Closure between separating and collecting zones .Baffle intermediate concentrate collector zone and gas outlet conduitAdjustably mounted RESIDUE ACCESS, HANDLING OR REMOVING MEANS .With heating or cooling means .Separable collection container .With means effecting or assisting discharge of residue (e.g., endless belt)Gaseous or liquid
393 394 395 396 397 398 399 400 401	OUT OF GAS STREAM .With heating or cooling means .Movably mounted for adjustment .At escape means for heavier constituentAnd separable residue receptacleAnnular outlet around gas outflow pathSpaced, overlapped wallsPlural, angularly spaced .Spiral guide MOUNTED OR SUPPORTED FOR CONTINUOUS MOTION .Plural distinct separating media or stagesOverlapping moving separatorsPlural moving separators	425 426 427 428 428.1 429 430	COLLECTOR WITH CONCENTRATE BACKFLOW OR RE- ENTRAINMENT PREVENTING MEANS .Closure between separating and collecting zones .Baffle intermediate concentrate collector zone and gas outlet conduitAdjustably mounted RESIDUE ACCESS, HANDLING OR REMOVING MEANS .With heating or cooling means .Separable collection container .With means effecting or assisting discharge of residue (e.g., endless belt)Gaseous or liquid .With movable or manipulable
393 394 395 396 397 398 399 400 401 402 403	OUT OF GAS STREAM .With heating or cooling means .Movably mounted for adjustment .At escape means for heavier constituentAnd separable residue receptacleAnnular outlet around gas outflow pathSpaced, overlapped wallsPlural, angularly spaced .Spiral guide MOUNTED OR SUPPORTED FOR CONTINUOUS MOTION .Plural distinct separating media or stagesOverlapping moving separatorsPlural moving separators serially arranged	425 426 427 428 428.1 429 430	COLLECTOR WITH CONCENTRATE BACKFLOW OR RE- ENTRAINMENT PREVENTING MEANS .Closure between separating and collecting zones .Baffle intermediate concentrate collector zone and gas outlet conduitAdjustably mounted RESIDUE ACCESS, HANDLING OR REMOVING MEANS .With heating or cooling means .Separable collection container .With means effecting or assisting discharge of residue (e.g., endless belt)Gaseous or liquid .With movable or manipulable means controlling escape of
393 394 395 396 397 398 399 400 401 402	OUT OF GAS STREAM .With heating or cooling means .Movably mounted for adjustment .At escape means for heavier constituentAnd separable residue receptacleAnnular outlet around gas outflow pathSpaced, overlapped wallsPlural, angularly spaced .Spiral guide MOUNTED OR SUPPORTED FOR CONTINUOUS MOTION .Plural distinct separating media or stagesOverlapping moving separatorsPlural moving separators serially arranged .Moved by system fluid in	425 426 427 428 428.1 429 430	COLLECTOR WITH CONCENTRATE BACKFLOW OR RE- ENTRAINMENT PREVENTING MEANS .Closure between separating and collecting zones .Baffle intermediate concentrate collector zone and gas outlet conduitAdjustably mounted RESIDUE ACCESS, HANDLING OR REMOVING MEANS .With heating or cooling means .Separable collection container .With means effecting or assisting discharge of residue (e.g., endless belt)Gaseous or liquid .With movable or manipulable means controlling escape of residue
393 394 395 396 397 398 399 400 401 402 403 404	OUT OF GAS STREAM .With heating or cooling means .Movably mounted for adjustment .At escape means for heavier constituentAnd separable residue receptacleAnnular outlet around gas outflow pathSpaced, overlapped wallsPlural, angularly spaced .Spiral guide MOUNTED OR SUPPORTED FOR CONTINUOUS MOTION .Plural distinct separating media or stagesOverlapping moving separatorsPlural moving separators serially arranged .Moved by system fluid in confined flow path	425 426 427 428 428.1 429 430 431 432	COLLECTOR WITH CONCENTRATE BACKFLOW OR RE- ENTRAINMENT PREVENTING MEANS .Closure between separating and collecting zones .Baffle intermediate concentrate collector zone and gas outlet conduitAdjustably mounted RESIDUE ACCESS, HANDLING OR REMOVING MEANS .With heating or cooling means .Separable collection container .With means effecting or assisting discharge of residue (e.g., endless belt)Gaseous or liquid .With movable or manipulable means controlling escape of residueManually actuated
393 394 395 396 397 398 399 400 401 402 403	OUT OF GAS STREAM .With heating or cooling means .Movably mounted for adjustment .At escape means for heavier constituentAnd separable residue receptacleAnnular outlet around gas outflow pathSpaced, overlapped wallsPlural, angularly spaced .Spiral guide MOUNTED OR SUPPORTED FOR CONTINUOUS MOTION .Plural distinct separating media or stagesOverlapping moving separatorsPlural moving separators serially arranged .Moved by system fluid in confined flow pathFluid flow normal to axis of	425 426 427 428 428.1 429 430 431 432	COLLECTOR WITH CONCENTRATE BACKFLOW OR RE- ENTRAINMENT PREVENTING MEANS .Closure between separating and collecting zones .Baffle intermediate concentrate collector zone and gas outlet conduitAdjustably mounted RESIDUE ACCESS, HANDLING OR REMOVING MEANS .With heating or cooling means .Separable collection container .With means effecting or assisting discharge of residue (e.g., endless belt)Gaseous or liquid .With movable or manipulable means controlling escape of residueManually actuated DEFLECTOR
393 394 395 396 397 398 399 400 401 402 403 404 405	OUT OF GAS STREAM .With heating or cooling means .Movably mounted for adjustment .At escape means for heavier constituent And separable residue receptacle Annular outlet around gas outflow path Spaced, overlapped wallsPlural, angularly spaced .Spiral guide MOUNTED OR SUPPORTED FOR CONTINUOUS MOTION .Plural distinct separating media or stages Overlapping moving separators Plural moving separators Plural moving separators serially arranged .Moved by system fluid in confined flow path Fluid flow normal to axis of moving member	425 426 427 428 428.1 429 430 431 432	COLLECTOR WITH CONCENTRATE BACKFLOW OR RE- ENTRAINMENT PREVENTING MEANS .Closure between separating and collecting zones .Baffle intermediate concentrate collector zone and gas outlet conduitAdjustably mounted RESIDUE ACCESS, HANDLING OR REMOVING MEANS .With heating or cooling means .Separable collection container .With means effecting or assisting discharge of residue (e.g., endless belt)Gaseous or liquid .With movable or manipulable means controlling escape of residueManually actuated DEFLECTOR .Having insulation
393 394 395 396 397 398 399 400 401 402 403 404	OUT OF GAS STREAM .With heating or cooling means .Movably mounted for adjustment .At escape means for heavier constituent And separable residue receptacle Annular outlet around gas outflow path Spaced, overlapped wallsPlural, angularly spaced .Spiral guide MOUNTED OR SUPPORTED FOR CONTINUOUS MOTION .Plural distinct separating media or stages Overlapping moving separatorsPlural moving separators serially arranged .Moved by system fluid in confined flow path Fluid flow normal to axis of moving member .Differentially deflected system	425 426 427 428 428.1 429 430 431 432 433 434 434.1 434.2	COLLECTOR WITH CONCENTRATE BACKFLOW OR RE- ENTRAINMENT PREVENTING MEANS .Closure between separating and collecting zones .Baffle intermediate concentrate collector zone and gas outlet conduitAdjustably mounted RESIDUE ACCESS, HANDLING OR REMOVING MEANS .With heating or cooling means .Separable collection container .With means effecting or assisting discharge of residue (e.g., endless belt)Gaseous or liquid .With movable or manipulable means controlling escape of residueManually actuated DEFLECTOR .Having insulation .With heating or cooling means
393 394 395 396 397 398 399 400 401 402 403 404 405	OUT OF GAS STREAM .With heating or cooling means .Movably mounted for adjustment .At escape means for heavier constituent And separable residue receptacle Annular outlet around gas outflow path Spaced, overlapped wallsPlural, angularly spaced .Spiral guide MOUNTED OR SUPPORTED FOR CONTINUOUS MOTION .Plural distinct separating media or stages Overlapping moving separators Plural moving separators Plural moving separators serially arranged .Moved by system fluid in confined flow path Fluid flow normal to axis of moving member	425 426 427 428 428.1 429 430 431 432	COLLECTOR WITH CONCENTRATE BACKFLOW OR RE- ENTRAINMENT PREVENTING MEANS .Closure between separating and collecting zones .Baffle intermediate concentrate collector zone and gas outlet conduitAdjustably mounted RESIDUE ACCESS, HANDLING OR REMOVING MEANS .With heating or cooling means .Separable collection container .With means effecting or assisting discharge of residue (e.g., endless belt)Gaseous or liquid .With movable or manipulable means controlling escape of residueManually actuated DEFLECTOR .Having insulation

434.4	Heat exchanger is part of	459.1	Tangential gas inlet opening in
	separator or is contiguous therewith	450.0	casing
435	.Wear liners or surface	459.2	Inclined inflow
433	characteristics (e.g., anti-	459.3	Scroll
	erosion)	459.4	Inflow nozzle or vane
436	.Removably supported deflector	459.5	Varying inlet area
430	surface	460	With tangential gas outlet
437	.With gas pump or fan	461	Continuous confined flow path
437	0 1 1	462	.Impingement baffle
	Within separator	463	Conical with apex facing
439	Downstream of separator		upstream
440	.Parallel and continuous	464	Corrugated, ribbed, crimped, or
	nonplanar members (e.g.,		with projections
4.41	crimped, corrugated, curved)	465	Planar
441	.Concentric, nested conduits with	466	WITH SEPARATED NONGASEOUS
	closed and open ends for flow		MATERIAL CONDUCTING OR
440	reversal		TREATING MEANS
442	.Plural deflectors overlapped and	467	WITH GAS FLOW EFFECTING MEANS
4.40	spaced serially in gas flow	467.1	.With heating or cooling means
443	Plural deflectors in row across	468	.Injector or jet pump type
4.4.4	gas flow	469	.Manual, weight, or traction
444	Deflectors in alternate rows		operated gas pump
4.45	aligned (i.e., staggered)	470	.Plurality of impellers arranged
445	Deflectors apertured or closely		in parallel or performing
	spaced from flow path wall		diverse functions
446	Space or aperture opposed by	471	.Impeller within or proximate to
	solid deflector surface		space encompassed by
447	.Fixed gas whirler or rotator		separating media
	means	472	.Upright or multichambered casing
448	With outlet gas conduit wall	473	.Impeller upstream of separating
	common to surrounding gas		media
	inlet or concentrate outlet or	474	WITH PARTICULATE SOLIDS MOVEMENT
4.40	collector		DURING USE OR AGITATING MEANS
449	Gas inlet and outlet have		THEREFOR
450	common wall	475	WITH MEANS ADJUSTABLE TO CONTROL
450	With outlet from collector		COMPACTNESS OF SEPARATING
451	Tangential outlet pipe		MEDIA
452	With plural concentrate outlets	476	WITH MEANS INTRODUCING GAS INTO
	in arcuate, axially extending		MIDST OF SEPARATING MEDIA
	whirl chamber wall	477	STRANDS OR BRISTLES WITH
453	With concentrate outlet means		UNSUPPORTED OR FREE
	in one of parallel plates		EXTREMITIES (E.G., BRUSH TYPE)
	mounting spaced whirler vanes	478	WITH SEPARATE FLOW LINE ACCESS
454	With tangential concentrate		MEANS OR FILTER MEDIA PASSAGE
	outlet pipe		MEANS OFFSET TO FLOW PATH
455	Plural nonradial gas passages	479	.For discrete filter particles
	in peripheral wall (e.g.,	480	.Access means is clamping or
455	tuyere)		coupling means for unit filter
456	Helical vane or baffle within		media
	flow conduit	481	.Unit transversely slidable
457	Between gas flow path wall and		through flow path
	central core	482	TWO OR MORE SEPARATORS (E.G.,
458	Inflow pipe projects within		SPACED FILTERS IN FLOW LINE OR
	casing		CASING)
		482.1	.With heating or cooling means

483	.With framework for edge to edge relation	510	Annular unit held between dished or plate-like end
484	.Spaced for parallel flow of gas		members for top and bottom
485	.Three or more serially spaced		support
486	.Plies or layers of different	511	Edge supported or secured only
	characteristics or orientation	512	.Discrete fibrous or particulate
487	Differing mesh sizes		solids
488	Variation in shape or size	513	Resilient securing means
489	Orientation of elements	514	Fused or bonded to a supporting
490	WITH MEANS SECURING OR RETAINING		or backing member
	SEPARATING MEDIA	515	Foraminous container
490.1	.With heating or cooling means	516	Held between openwork
490.2	Two confined fluids in indirect	517	Between telescoped or
	contact		nonplanar retainers
491	.Fastening means pierces or	518	Between perforated plates
	penetrates media	519	Between reticulated end
492	.Internal frame or support means		closures
493	.Hinged or pivoted retainer or	520	SPIRAL FILTER MEDIA
	clamp on backing frame or in	521	ZIGZAG, CORRUGATED, OR CONICAL
	flow line	522	SPECIFIC MEDIA MATERIAL
494	.Grid or tray type for bottom	523	.Ceramic or sintered
	support only	524	.With coating, impregnant, or
495	.Unit or cohesive sheet-like		bonding agent
	media in flow line or frame	525	.Metal mesh or expanded material
496	With adjustable connector or	526	Wadded or compressed
400	size adjusting means	527	.Fibrous or strand form
497	Edge supporting or securing	528	Organic (e.g., vegetable)
	means for nonplanar sheet form	529	MISCELLANEOUS (E.G., SHAPES)
498	<pre>filter (e.g., zigzag)Spiral or cylindrical</pre>		
499	With additional transversely		
499	arranged members		
500	Flexible sheet type maintained	FOREIGN	ART COLLECTIONS
300	in nonplanar configuration	EOD	
501	With additional support means	FOR	CLASS-RELATED FOREIGN DOCUMENTS
	not positively engaged or		
	joined to media (e.g., across		
	face of filter)	DIGEGEG	
502	Gasket or sealing means	DIGESTS	
503	Media within joinable or	DIG 1	CDADUATED ELECTROCHATIC ETELD
	separable flow line sections	DIG 1 DIG 2	GRADUATED ELECTROSTATIC FIELD VACUUM CLEANER BAGS
504	Aligned stop, media and	DIG 2 DIG 3	VACUUM CLEANER BAGS VACUUM CLEANER
	removable retainer	DIG 5	METHODS OF MAKING FILTER
505	Flow line end coupling (e.g.,	DIG 6	MAGNETIC COUPLINGS
F06	pipe end)	DIG 7	BLACK LIQUOR TREATMENT
506	Flange or track on flow line	DIG 8	BUILT-IN VACUUM CLEANERS
507	for slidably retaining media	DIG 9	RADIOACTIVE FILTERS
507	Resilient attaching means	DIG 10	RESIDUE BURNED
200	Suspended or supported by bracket or from top of frame	DIG 12	POCKET TYPE FILTER
509	Distorted media in flow line or	DIG 13	POLYURETHANE FILTERS
	resilient retaining means	DIG 14	INERTIA SEPARATOR
		DIG 15	COLD TRAPS
		DIG 17	COMPRESSED AIR WATER REMOVAL
		DIG 18	WORK BENCH

- DIG 19 CRANKCASE VENTILATION
- DIG 20 SPARK ARRESTER
- DIG 21 SILENCER CLEANER
- DIG 23 STEAM SEPARATORS
- DIG 24 VISCOUS COATED FILTER
- DIG 25 AGGLOMERATORS
- DIG 26 BAG COUPLING
- DIG 27 CLEANERS, LIQUID
- DIG 28 CARBURETOR ATTACHED
- DIG 29 AIR CURTAINS
- DIG 30 EXHAUST TREATMENT
- DIG 31 **FILTER FRAME**
- DIG 32 GASEOUS FLUID CONVEYING
- DIG 33 GAS MASK CANISTER
- DIG 34 INDICATOR AND CONTROLLERS
- DIG 35 RESPIRATORS AND REGISTER FILTERS
- DIG 36 **KITCHEN HOODS**
- DIG 37 LOUVERS
- DIG 38 TUBULAR COLLECTOR ELECTRODE
- DIG 39 ELECTRETS SEPARATOR
- DIG 42 FOAM FILTER MATERIALS
- DIG 43 KNITTED FILTER MEDIUMS
- DIG 44 PILE AND PILE-TYPE FILTER MEDIUMS
- DIG 45 WOVEN FILTER MEDIUMS
- DIG 46 SPRAY BOOTHS